

STATION 163B.—June 3, 1874; lat.  $33^{\circ} 51' 15''$  S., long.  $151^{\circ} 22' 15''$  E., off Port Jackson, Sydney; depth, 35 fathoms; bottom, hard ground.

<i>Acanthoisis flabellum</i> , n. sp.		<i>Primnoella australasiæ</i> , Gray.
<i>Mopsea dichotoma</i> (L.).		<i>Suberia genthi</i> , n. sp.
<i>Parisisis australis</i> , n. sp.		

STATION 170.—July 14, 1874; lat.  $29^{\circ} 55'$  S., long.  $178^{\circ} 14'$  W., off the Kermadec Islands; depth, 520 fathoms; bottom, volcanic mud.

*Dasygorgia expansa*, n. sp.

STATION 171.—July 15, 1874; lat.  $28^{\circ} 33'$  S., long.  $177^{\circ} 50'$  W., north of the Kermadec Islands; depth, 600 fathoms; bottom, hard ground.

<i>Dasygorgia acanthella</i> , n. sp.		<i>Calyptrophora wyvillei</i> , n. sp.
<i>Dasygorgia axillaris</i> , n. sp.		<i>Stachyodes regularis</i> , n. sp.
<i>Thouarella moseleyi</i> , n. sp.		

STATION 172.—July 22, 1874; lat.  $20^{\circ} 58'$  S., long.  $175^{\circ} 9'$  W., off Tongatabu; depth, 18 fathoms; bottom, coral mud.

*Sarcophytum tongatabuensis*, n. sp.

STATION 174B.—August 3, 1874; lat.  $19^{\circ} 6' 45''$  S., long.  $178^{\circ} 17' 0''$  E., off Kandavu; depth, 255 fathoms; bottom, coral mud.

*Ceratoisis grandiflora*, Studer.

STATION 174C.—August 3, 1874; lat.  $19^{\circ} 7' 50''$  S., long.  $178^{\circ} 19' 35''$  E., off Kandavu; depth, 610 fathoms; bottom, coral mud.

<i>Calyptrophora japonica</i> , Gray.		<i>Ceratoisis grandiflora</i> , Studer.
<i>Stenella gigantea</i> , n. sp.		

STATION 174D.—August 3, 1874; lat.  $19^{\circ} 5' 50''$  S., long.  $178^{\circ} 16' 20''$  E., off Kandavu; depth, 210 fathoms; bottom, coral mud.

*Ceratoisis grandiflora*, Studer.

Off Kandavu; Reefs.

<i>Ceratoisis nuda</i> , n. sp.		<i>Acamptogorgia alternans</i> , n. sp.
<i>Sarcophytum glaucum</i> , Q. and G.		